

383527 to 383813—Continued

383648 to 383655—Continued

383653. 140. Five km. northeast on main highway to Erzurum. Extensive 10 hectare areas in protected tree planting slope. Growing in association with *Bromus erectus*. Wild.
383654. 202. Forty km. south of Kars. Small blue plants on solid stand. Most abundant species on dry basalt sites. Wild.
383655. 227. Thirty km. south of Ardehan. Single plant selection with blue foliage. Abundant on slopes, heavily grazed. Wild.
- 383656 and 383657. *FESTUCA PRATENSIS* Huds. **Meadow fescue.**
383656. 122. Sixty-five km. northeast of Erzincan. Perennial plant. Short and awnless. On river bottom. Growing in association with *Iris*. Wild.
383657. 178. Five km. north of Ardahan. Plant medium size for species, some with awns. Holding its own with quackgrass on roadsides in valley bottom. Wild.
383658. *FESTUCA SPECTABILIS* Jan ex Bertoloni
117. Erzincan, 36 km. toward Baskoy. Perennial bunchgrass. Semi-erect, coarse basal leaves. Stems to 1.5 meters tall. Steep hillside, shale slope. Elevation 2,000 m. Wild.
383659. *FESTUCA* sp.
173. Fifty km. west of Ardehan. Perennial tufted with fine, harsh leaves. Head awned, seed shattered. In 1 to 3 hectare patches above timberline. Not eaten by goats or cattle. Wild.
383660. *HEDYSARUM* sp. Leguminosae.
2. Within city limits of Ankara. Perennial taproot plants, rhizomatous, to 30 cm. tall, 1 m. in diameter. Stems coarse, 1 to 3 seeds in a loment. Blossom dried around seed. In 7- to 10-year-old tree planting of *Pinus sylvestris*, east slope. Wild.
383661. *HEDYSARUM* sp.
35. Forty km. south of Nidge. Perennial taproot plants to 40 cm. in diameter, 20 cm. tall. Two or three seed, but mostly one seed hanging within dried up blossoms. Similar to P.I. 383660. On chestnut soil. Elevation 1,400 m. Wild.
383662. *HEDYSARUM* sp.
272. Doloplidere, via Grassland and Animal Husbandry Research Station, Ankara. Nursery No. L-1064. 1961 harvest. Wild.
383663. *HEDYSARUM* sp.
273. Erzurum, via Grassland and Animal Husbandry Research Station, Ankara. Nursery No. L-1068. 1961 harvest. Wild.
383664. *HIEROCHLOE* sp. Gramineae.
169. Ardehan. Perennial to 30 cm. tall. Few stems, open panicle drooping. Seed pods round. In native mountain meadow, irrigated and being cut for hay as important component. Wild.
- 383665 and 383666. *HORDEUM BULBOSUM* L. Gramineae.
383665. 10. Ankara, 40 km. southeast near Ugulbey. Plant to 1 m. tall, shattered badly. Most abundant grass. Growing in association with *Agropyron trichophorum*. Wild.
383666. 54. Gaziantep, 30 km. north on Highway 59 to Maras at top of grade. Most common perennial. Car-size basalt rocks on west slope with dark soil. Elevation 800 m. Wild.